

Appl. No.: 10/690,793

Amdt. dated: 04/18/2008

Reply to Office action of: 03/18/2008

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A computer system for concurrent operation of plural applications, said computer system comprising:

- (a) a memory, including a shared object space capable of storing at least one shared object and a listener;
- (b) a shared object stored in said shared object space and accessible to at least two applications so that at least a first application is capable of causing an event in said object, said first application running in a first virtual machine; and
- (c) a listener attached to said shared object and operably associated with a second application running in a second virtual machine, said listener listening for said event and notifying said second application when said first application has caused said event.

Claim 2 (original): The system of claim 1 where said listener is located in said shared object space.

Claim 3 (original): The system of claim 1 where at least two applications are capable of causing said event.

Claim 4 (previously presented): The system of claim 1 further comprising a second listener located in said shared object space and attached to said shared object.

Claim 5 (original): The system of claim 1 where at least one of said virtual machines is a Java virtual machine.

Claim 6 (previously presented): The system of claim 1 where said shared object space is linked to at least one application by a native method interface enabling said application to utilize a method native to said application in interacting with said shared object.

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Claim 7 (original): The system of claim 6 where said system includes a default directory with a native library.

Claim 8 (original): The system of claim 1 including a non-object oriented application.

Claim 9 (original): The system of claim 8 where said non-object-oriented application is a C application.

Claim 10 (original): The system of claim 1 where access to said at least one object by said plural applications is synchronized.

Claim 11 (original): The system of claim 1 where said plural applications implement a stock trading system.

Claim 12 (original): The system of claim 1 where said at least one object is copy shared among said plural applications.

Claim 13 (original): The system of claim 1 where said at least one object is direct shared among said plural applications.

Claim 14 (original): The system of claim 1 including a system manager that analyzes information pertaining to the operation of said shared object space.

Claim 15 (original): The system of claim 1 including a global name space in said shared object space.

Claim 16 (currently amended): A computer system for concurrent operation of plural applications, said computer system comprising:

- (a) a memory including a shared object space capable of storing at least one shared object and a listener;
- (b) a shared object stored in said shared object space and accessible to at least two

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- said applications so that at least a first application is capable of causing an event in said object, said first application running in a first virtual machine;
- (c) a listener attached to said shared object and operably associated with a second application running in a second virtual machine, said listener listening for said event and notifying said second application when said first application has caused said event; and
- (d) said listener being able to identify which application caused said event.

Claim 17 (original): The system of claim 16 where said listener is located in said shared object space.

Claim 18 (original): The system of claim 16 where at least two applications are capable of causing said event.

Claim 19 (previously presented): The system of claim 16 further comprising a second listener located in said shared object space and attached to said shared object.

Claim 20 (original): The system of claim 16 where at least one of said virtual machines is a Java virtual machine.

Claim 21 (previously presented): The system of claim 16 where said shared object space is linked to at least one application by a native method interface enabling said application to utilize a method native to said application in interacting with said shared object.

Claim 22 (original): The system of claim 21 where said system includes a default directory with a native library.

Claim 23 (original): The system of claim 16 including a non-object-oriented application.

Claim 24 (original): The system of claim 23 where said non-object-oriented application is a C application.

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Claim 25 (original): The system of claim 16 where access to said at least one object by said plural applications is synchronized.

Claim 26 (original): The system of claim 16 where said plural applications implement a stock trading system.

Claim 27 (original): The system of claim 16 where said at least one object is copy shared among said plural applications.

Claim 28 (original): The system of claim 16 where said at least one object is direct shared among said plural applications.

Claim 29 (original): The system of claim 16 including a system manager that analyzes information pertaining to the operation of said shared object space.

Claim 30 (original): The system of claim 16 including a global name space in said shared object space.

Claim 31 (currently amended): A computer system for concurrent operation of plural applications, said computer system comprising:

- (a) a memory including a shared object space capable of storing at least one shared object and a listener;
- (b) a shared object stored in said shared object space and accessible to at least two applications so that at least one application is capable of causing an event in said object, said application running in a virtual machine and said object containing a header capable of containing an identifier of the application that caused said event;
- (c) a listener attached to said shared object and operably associated with at least one application running in a virtual machine, said listener listening for said event and

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notifying an associated application not causing said event of an occurrence of said event; and

(e d) said listener being able to identify which application caused said event from said header.

Claim 32 (original): The system of claim 31 where said listener is located in said shared object space.

Claim 33 (original): The system of claim 31 where at least two applications are capable of causing said event.

Claim 34 (previously presented): The system of claim 31 further comprising a second listener located in said shared object space and attached to said shared object.

Claim 35 (original): The system of claim 31 where at least one of said virtual machines is a Java virtual machine.

Claim 36 (currently amended): The system of claim 31 where said shared object space is linked to at least one application by a native method interface enabling said application to utilize a method native to said application in interacting with said shared object.

Claim 37 (original): The system of claim 36 where said system includes a default directory with a native library.

Claim 38 (original): The system of claim 31 including a non-object-oriented application.

Claim 39 (original): The system of claim 38 where said non-object-oriented application is a C application.

Claim 40 (original): The system of claim 31 where access to said at least one object by said plural applications is synchronized.

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Claim 41 (original): The system of claim 31 where said plural applications implement a stock trading system.

Claim 42 (original): The system of claim 31 where said at least one object is copy shared among said plural applications.

Claim 43 (original): The system of claim 31 where said at least one object is direct shared among said plural applications.

Claim 44 (original): The system of claim 31 including a system manager that analyzes information pertaining to the operation of said shared object space.

Claim 45 (original): The system of claim 31 including a global name space in said shared object space.